

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Mark DENISON

Serial No.: 10/553,883

Filed: October 21, 2005

For: LIVE ATTENUATED NIDOVIRUS
VACCINES

Group Art Unit: 1648

Examiner: Unknown

Atty. Dkt. No.: VBLT:038US

Confirmation No.: 1352

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE OF SUBMISSION: January 5, 2007

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/VBLT:038US.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



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Date: January 5, 2007

Form PTO-1449 (modified)		Atty. Docket No. VBLT:038US	Serial No. 10/553,883
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT		Applicant Mark Denison	
(Use several sheets if necessary)		Filing Date: October 21, 2005	Group: Unknown
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents	Other Art <i>See Page 1</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	3,590,127	6/29/71	Bryans	424	89	10/14/68

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Bonilla <i>et al.</i> , "Characterization of the leader papain-like proteinase of MHV-A59: identification of a new <i>in vitro</i> cleavage site," <i>Virology</i> , 209:489-497, 1995.
	C2	Herold <i>et al.</i> , "A human RNA viral cysteine proteinase that depends upon a unique Zn ²⁺ -binding finger connecting the two domains of a papain-like fold," <i>J. Biol. Chem.</i> , 274:14918-14925, 1999.
	C3	Snijder <i>et al.</i> , "Primary structure and post-translational processing of the heine virus peplomer protein," <i>Virology</i> , 178(2):355-363, 1990.
	C4	Tijms <i>et al.</i> , "A zinc finger-containing papain-like protease couples subgenomic mRNA synthesis to genome translation in a positive-stranded RNA virus," <i>Proc. Natl. Acad. Sci. USA</i> , 98:1889-1894, 2001.
	C5	Van Dinten <i>et al.</i> , "Proteolytic processing of the open reading frame 1b-encoded part of antevirus replicase is mediated by nsp4 serine protease and is essential for virus replication," <i>J. Virol.</i> , 73(3):2027-2037, 1999.
	C6	Yount <i>et al.</i> , "Systematic assembly of a full-length infectious cDNA of mouse hepatitis virus strain A59," <i>J. Virol.</i> , 76:11065-11078, 2002.
	C7	Ziebuhr <i>et al.</i> , "The autocatalytic release of a putative RNA virus transcription factor from its polyprotein precursor involves two paralogous papain-like proteases that cleave the same peptide bond," <i>J. Biol. Chem.</i> , 276:33220-33232, 2001.

25629840.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP605; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.